

From qrp-1@lehigh.edu Sat Jun 17 02:20:04 1995
Message-Id: <9506170213.AA13345@sun>
From: jokortge@sun.lisp.com (Jim Kortge, NU8N)
Subject: Re:
Date: Fri, 16 Jun 1995 22:20:04 EDT

Mike White wrote...

>
>Isn't the Mizuho one of the handheld HF radios??? Do they still make
>them?

>--
>Mike White Chen Systems Corporation
>Amateur voice:715/833-7860
> Radio fax :715/833-7096
> N9UXC
>

Yes Mike, the radios are still being manufactured, although, I'm not sure that Mizuho has made another run of the 17 meter units. There have been two of 100 units to the best of my knowledge. Unfortunately, nobody in the U.S. is importing them anymore. Ramsey Electronics picked up the line when they bought out J-Com, who was carrying them. Ramsey had a 'fire sale' back a few months ago and cleared out all of their stock, I'm told. My two rigs came directly from Japan through a deal that Ned Mountain, WC4X put together for the Bicycle Mobile Hams of America a couple of years back. IMHO, they are great little radios, a bit pricey, but certainly unique and very well suited to the mode I'm using them for. Where else can you get a SSB rig the size of an HT, and about a pound weight??

My \$.02 worth; your mileage may vary!

72/73...Jim

Jim Kortge, NU8N		Bicycle Mobile Hams
jokortge@lisp.com	__o	of America
Fenton, MI	_'\<	Mizuho 17m/40m QRP SSB
... ..	(*)/(*)	

From qrp-1@lehigh.edu Sat Jun 17 02:30:04 1995
Message-Id: <9506170224.AA13413@sun>
From: jokortge@sun.lisp.com (Jim Kortge, NU8N)
Subject: Re:
Date: Fri, 16 Jun 1995 22:30:04 EDT

Mike White wrote...

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>Isn't the Mizuho one of the handheld HF radios??? Do they still make
>them?

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>Mike White Chen Systems Corporation

>Amateur voice:715/833-7860

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Yes Mike, the radios are still being manufactured, although, I'm not sure that Mizuho has made another run of the 17 meter units. There have been two of 100 units to the best of my knowledge. Unfortunately, nobody in the U.S. is importing them anymore. Ramsey Electronics picked up the line when they bought out J-Com, who was carrying them. Ramsey had a 'fire sale' back a few months ago and cleared out all of their stock, I'm told. My two rigs came directly from Japan through a deal that Ned Mountain, WC4X put together for the Bicycle Mobile Hams of America a couple of years back. IMHO, they are great little radios, a bit pricey, but certainly unique and very well suited to the mode I'm using them for. Where else can you get a SSB rig the size of an HT, and about a pound weight??

My \$.02 worth; your mileage may vary!

72/73...Jim

Jim Kortge, NU8N

jokortge@lisp.com

Fenton, MI

.. .. . (*)/(*)

Bicycle Mobile Hams

of America

Mizuho 17m/40m QRP SSB

From qrp-l@lehigh.edu Sat Jun 17 02:21:23 1995

Message-Id: <9506170220.AA09325@philadelphia.libertynet.org>

From: adam@philadelphia.libertynet.org (Adam O'Donnell)

Subject: "Low Profile" address

Date: Fri, 16 Jun 1995 22:21:23 EDT

<http://www.libertynet.org/~adam/low-pro.html>

Have fun!

--

Adam O'Donnell, N3RCS
Internet: adam@libertynet.org

My parents tell me that I just take up time and space. It's true -
I'm into relativity theory.

----- PGP Public Key available upon Finger -----

From qrp-l@lehigh.edu Fri Jun 16 14:06:24 1995
Message-Id: <82950616134728/0001795390PJ4EM@MCIMAIL.COM>
From: David Bixler <0001795390@mcimail.com>
Subject: 30 Meter Matchbox Modification
Date: Fri, 16 Jun 1995 10:06:24 EDT

Good morning Dave and the gang:

I modified my Johnson Matchbox for 30 meters by moving both of the two 20 meter taps outward two turns (increasing inductance) for a total of four turns. I discovered that I could now tune both 30 and 20 using the 20 meter bandswitch position. It now works great on 30. Can tune my Zepp right down to zero reflected power according to a Bird wattmeter.

This was at my station and antenna, and there is no guarantee that you will get the same 2-band coverage with your set-up due to differences in feedline length, etc. (The disclaimer!)

I suppose that the 40 meter taps could be moved also, but since I work mostly 40 and seldom 20, it made sense to me to modify the 20 meter bandswitch position.

I wrote an article about this particular modification with step-by-step instructions that appeared in the Northwest QRP bulletin a couple of issues back. I will be glad to transmit the ASCII file to you directly if you desire. It's way too long and wordy to post to the entire list. Unfortunately, I don't have this file at my office so I can't send it until tonight.

Let me know if you want the article and it's yours for the asking.

73, Dave - W0CH

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|
=====|=====
| David Bixler          WOCH          dbixler@mcimail.com |
| Dundee, Florida      |
| QRP-ARCI  G-QRP  MI-QRP  NW-QRP  NorCal  QCWA  ARRL-Life |
=====

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Forwarded message:

Date: Fri Jun 16, 1995 12:14 am EDT
From: David D. Meacham
EMS: INTERNET / MCI Mail
MBX: ddm@datatamers.com

TO: * David Bixler / networkMCI Services
Subject: Re: Summer Static

Dave,

I would be interested to hear how you modified your Matchbox for 30 meters. I'm planning on doing the same thing.
72, Dave, W6EMD (ddm@datatamers.com)

From qrp-l@lehigh.edu Fri Jun 16 13:00:24 1995
Message-Id: <199506161259.HAA15074@chuck.dallas.sgi.com>
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: 30M Saturday Special
Date: Fri, 16 Jun 1995 09:00:24 EDT

OK gang, several have sent me email saying they would be on this weekend. I'm hopeful that the social committee doesn't plan an event this weekend. :-) No new movies out that got any decent reviews, so I think that I'm free. Besides, it's father's day weekend, we should get to do what we want. :-) :-)

So Saturday nite it is QRP-L night on 30M. Start at 10.106 and go up to 10.125. Anything below 10.106 is a DX window. :-) My thoughts, not a band plan. With the counter on top of the OHR 30M Explorer rig I worked a DL at 10.101MHz. Not recommended for the faint of heart. :-) I've been having very good luck at 10.111MHz the past week.

So starting at sunrise on Saturday to midnight or whenever the band closes. Be there. Thanks to all who have posted their successes on 30M. We haven't heard from the crowd, so the S/N level must be acceptable. I worked a couple of stations the first hour that the band was opened to hams and then left it pretty much alone until now. My mistake, I can see that now. The DX is better than on 40M.

I saw where on the DX reflector that there is a proposal in Region 1 to do away with digital on 30M and 40M, especially 40M due to unattended message machines being on 24hr a day. Looks like HF bands are about to become an "internet". The Internet is going to have enough problems when 200,000,000 more Americans get "online" in the next decade or so. It's the "in" thing.

cu on 30M

dit dit

--

Chuck Adams K5FO CP-60 adams@sgi.com

From qrp-1@lehigh.edu Fri Jun 16 14:39:17 1995
Message-Id: <9506161437.AA00983@royac8.royac.iac.es>
From: Goran Hosinsky <hosinsky@royac.iac.es>
Subject: Re: 30m, OZs, DX & tower paint
Date: Fri, 16 Jun 1995 10:39:17 EDT

Lycka till med din tornmaalning, Nils! Vi hoers kanske paa 30?
Goran ea8yu

From qrp-1@lehigh.edu Fri Jun 16 18:42:15 1995
Message-Id: <199506161840.LAA13034@ix6.ix.netcom.com>
From: dcwill@ix.netcom.com (Dave Williamson)
Subject: 72 newsletter
Date: Fri, 16 Jun 1995 14:42:15 EDT

Would some kind soul give me the address and/or phone number so I can subscribe to 72? I only receive QRP Quarterly right now, and would like to 'broaden my horizons,' as it were.

Thanks in advance

de aa4zx/8
perched on the side of a mountain in WV

From qrp-l@lehigh.edu Fri Jun 16 20:09:51 1995
Message-Id: <199506162008.QAA13598@dartvax.dartmouth.edu>
From: GREGOIRE@VALLEY.NET (ERNEST GREGOIRE)
Subject: Re: 72 newsletter
Date: Fri, 16 Jun 1995 16:09:51 EDT

>Would some kind soul give me the address and/or phone number so I can
>subscribe to 72? I only receive QRP Quarterly right now, and would like to
>'broaden my horizons,' as it were.

>

>Thanks in advance

>

>de aa4zx/8
>perched on the side of a mountain in WV

>

>

Hi Dave, the 72 News letter is for the membership of the
New England QRP club. If you would like to join our group
then you must send 7 bucks to the new member chairman. NG1G used
to do it but he had to quit for business reasons. I cant remember \
who took his place. But don't dismay, the next news letter is due out
in June. It will have the new guy's name and address.
So if you don't hear from anyone else, just yell at me in a few weeks
right here at QRP-L and I'll get you the name. I would have it now
if I had not thrown out the last copy.:(

73 de AA1IK
Ernie>

From qrp-l@lehigh.edu Fri Jun 16 23:55:50 1995
Message-Id: <8033222028.AA02431@hamlink.mn.org>
From: CLATON.CADMUS@hamlink.mn.org (CLATON CADMUS)
Subject: CALIBRATING WATT-METER
Date: Fri, 16 Jun 1995 19:55:50 EDT

Hello Dave you wrote to the list:

DC>With regard to _calibrating_ instead of approximating my now-lower
>full-scale on my MFJ949C tuner/meter - not having easy access to a Bird
>with HF slugs - how accurate do y'all think using an ol' 20 MHz B&K
>'scope and a dummy load would be? Is there a recommended
>non-wattmeter method? I guess my concern here is bandwidth of the
scope.

Your O-scope should have a calibration signal built in and is probably
good enough for your need. Connect your SWR meter between your Trans.
and Dummy load with a coax T connector on the dummy. Clip on the scope
leads to the open connector on the T. If your transmatch has the built
in dummy just clip on accross it. Now feed power in at say 7mhz
starting very low as you get to the following Peak to Peak voltage
readings on the scope, note the position of you SWR meter.

Watts	Vp-p
1	20.3
2	28.8
3	35.3
4	40.7
5	45.5
6	49.8

To get a little closer, you might want to read the DC resistance of your
dummy and recalculate the above voltages. If I've done this correct the
formula is:

$SQR(P \times R) \times 2.88 = V_{pp}$

Hope this Helps

73 de Claton Cadmus, KA0GKC

```
-----  
| FIDOnet= Claton Cadmus 1:282./100 |  
| INTERNet= Claton.Cadmus@hamlink.mn.org |  
| PACKETnet= KA0GKC@WB0GDB.#STP.MN.USA.NA |  
-----
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If anything I have written makes any cents, I claim copyright!
* SLMR 2.1a * Can I use my AM radio after noon?

---NoSnail v1.17

HAM>link< RBBS - Serving the Amateur Radio Community Since 1983

- 612/HAM-0000 v.34 Ham Radio Spoken Here!!
- 612/HAM-1010 v.32b Reply to sender @ hamlink.mn.org

From qrp-1@lehigh.edu Fri Jun 16 13:39:09 1995
Message-Id: <Pine.SV4.3.91.950616093946.4156C-1000000@atl11.america.net>
From: Jim Stafford-W4QO <w4qo@america.net>
Subject: RE: CALL SIGN SERVERS (fwd)
Date: Fri, 16 Jun 1995 09:39:09 EDT

Posted back to qrp-1

I guess I don't have an answer for Scott. Anyone have some suggestions?
I believe that an ftp request can be generated from an email message and
as such (perhaps) he could do something with ftp CALLSIGN.ualr.edu 2000

BUT I'm not sure. The only alternative I can think of is to use some of
the ham BBS's (hopefully he has one in his town/city). We have several
in Atlanta that have CD ROMs that provide callbook lookup. One is the
NFARL BBS at 404-552-0868.

73/72/jim/w4qo

----- Forwarded message -----
Date: Thu, 15 Jun 95 17:30:54 -0400
From: scott.thomas@circellar.com
To: w4qo@america.net
Subject: RE: CALL SIGN SERVERS

Gee that was kind of a broad question wasn't it! Don't know what happened to
the rest of the sentence, but I was wondering if you could offer any suggestion
for obtaining the same information via e-mail since I don't have online
internet access. I've tried a few call sign e-mail servers and they've been
horrible.

Thaks, Scott.

From qrp-1@lehigh.edu Fri Jun 16 13:51:59 1995

Message-Id: <95Jun16.095049edt.14522-3+29@hooch.CC.Lehigh.EDU>
From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>
Subject: Re: CALL SIGN SERVERS (fwd)
Date: Fri, 16 Jun 1995 09:51:59 EDT

>Posted back to qrp-l
>
>I guess I don't have an answer for Scott. Anyone have some suggestions?
>I believe that an ftp request can be generated from an email message and
>as such (perhaps) he could do something with ftp CALLSIGN.ualr.edu 2000
[...]
>Gee that was kind of a broad question wasn't it! Don't know what happened to
>the rest of the sentence, but I was wondering if you could offer any suggestion
>for obtaining the same information via e-mail since I don't have online
>internet access. I've tried a few call sign e-mail servers and they've been
>horrible.
>
>Thaks, Scott.

Not sure what "horrible" means, but maybe this'll help. Try sending:

RUN QRP-L X FCC_CALL callsign

in the body of an e-mail to listserv@Lehigh.EDU, where "callsign" is the
call you want info for. Hope it helps.

/jim

From qrp-l@lehigh.edu Fri Jun 16 16:01:14 1995
Message-Id: <Pine.BSI.3.91.950616114523.2968A-100000@cais3.cais.com>
From: Jeff Shelton <jshelton@cais.cais.com>
Subject: Century 22 - good QRP rig?
Date: Fri, 16 Jun 1995 12:01:14 EDT

To the QRP-L gang,

I have a chance to pick up a Ten-Tec Century 22. Unfortunately this
would be a mail-order deal, so I can't try it out first to see what I
think. I was hoping some of you have used these rigs and could tell me
what you thought. The specs meet my needs nicely, except that I gather
that the rcvr section is a direct conversion variant. While I think
very well of Ten-Tec, the DC business makes me worry about
microphonics, hum, whether the sensitivity is adequate, etc. Is that
justified with this particular rig?

Also, this business with DC rigs of having to tune to the

"right" side of the carrier . . . is this as awkward as it sounds? Am I right in thinking that the QRM potential is double that of a superhet rig with similar filters, etc?

Thanks & 72/73,
Jeff - KS4TL
jshelton@cais.com

From qrp-1@lehigh.edu Fri Jun 16 19:13:18 1995
Message-Id: <Pine.OSF.3.91.950616145845.4646A-1000000@saturn.acs.oakland.edu>
From: prvalko <prvalko@oakland.edu>
Subject: Re: Century 22 - good QRP rig?
Date: Fri, 16 Jun 1995 15:13:18 EDT

I can't remember if you said how much the C22 was worth, but if it's under \$250 or so, I'd say go for it!

I have one, as well as several other TenTec DC receiver rigs and this one is the best by far (it was also the last DC receiver they built ;-))

Tuning is a breeze and in FACT, the DC rcv makes it even better for tough band conditions. what you do is tune in a signal that you want to work, then with the RIT off, you ZERO BEAT that station (you other ol' geezers remember zero beating?), once you do that... you click on the RIT and tune EITHER side of zero beat for the nicest sounding signal. If another station get close to your QSO, you can swag the RIT over to the other side of zero beat and continue the Qso.

The C-22 also has an adjustable audio bandwidth filter and notch.

Gosh.. you got me fired up, I better try mine out this weekend on 30M!

73=paul= wb8zjl

From qrp-1@lehigh.edu Fri Jun 16 17:52:37 1995
Message-Id: <199506161751.KAA25912@interval.interval.com>
From: burdick@interval.com (Wayne Burdick)
Subject: Feedback on WRA-1 Keyer/Counter kit
Date: Fri, 16 Jun 1995 13:52:37 EDT

Thanks to all who gave me feedback so far on the WRA-1 keyer/counter unit.

I got too many responses to answer them all individually, but here's a summary:

- I'll use Curtis mode B on the advice of John Curtis himself (via Chuck Adams) and others. MFJ's and other rigs are shipped this way.
- Can it work with other single conversion rigs (e.g., Epiphyte, Cascade, 40/40) or direct-conversion rigs? In view of all the comments of this nature, I'm going to change the mixing-scheme-select method to the following: You'll use the keyer paddle to send commands to the PIC to set the BFO frequency and whether to add or subtract the VFO to get the operating frequency. It will work with direct-conversion rigs, too, simply by programming in a BFO frequency of 0.
- More memories? Well, there's only 64 bytes of EEPROM for data on this PIC, and no panel space for more switches. I suppose I could leave a couple of PIC inputs connected to board pads so that, if you wanted, you could add additional message buttons somewhere. I'll think about it.
- Report the keyer speed (chuck adams)? I think I can add this pretty easily.
- Is there any PIC noise (hash generated by microprocessor detectable on the receiver)? It's minimal to nonexistent. If you turn off the continuously-active band-edge markers, the processor will sleep most of the time and the counter chain will be turned off, so there will be no noise at all. When it's alive, there will be some sub-harmonics of the 4MHz crystal oscillator as band-edge markers. :) The absence of a display will, however, keep all lead lengths very short and the energy in the subharmonics will be as low as it gets without shielding.
- Display option? Sorry--I don't have room on the board or spare PIC pins to do this. Maybe some day.
- Lots of interest! I'll help Bob get this into production ASAP
- Please call or write to Bob Dyer and get on his list for info about the unit. He'll set a price soon. (415) 494-3806. Wilderness Radio, P.O. Box 734, Los Altos, CA 94023-0734 U.S.A.

73,
Wayne

From qrp-1@lehigh.edu Fri Jun 16 12:15:07 1995
Message-Id: <199506161219.AA10727@hobby1.cba.kodak.com>
From: Brad Mitchell <bmitchel@hobby1.cba.kodak.com>
Subject: FS: 20 meter nn1g
Date: Fri, 16 Jun 1995 08:15:07 EDT

\$75.00

Hi , I have for sale a 20 meter nn1g rig
that I built from scratch, including homebrew p.c. boards.
It is built in a very solid steel, small, utility box that has
a vernier knob for tuning. The box is black with wrinkle finish.
I put 4 rubber pads on the bottom of the box to keep it in place.
It does have a couple of spots on the front where the wrinkle has
been compressed down, where I think that I leaned too hard on it
while building or something.
It is pictured somewhere in the wb8ygg.gif on the QRZ cd rom. (how it got there
I haven't a clue).
The same gif that is still up on think.com under /pub/radio/ham/qrp/artwork/gif
wb8ygg.gif. (I guess that answers the first question)
It tunes the bottom 100khz
portion of the band, 14.00 (with a novel birdie at exactly 14.00)
(nice for keeping legal!!)to 14.1 or thereabouts.. don't remember the top freq,
never used it much past 14.065 or so.. RCA Phono for antenna, also S0-239.
Anyway, I put a 2n2219 transsitor in the final, so it gets about
75 to 1w out for QRPp.
Also, I used the recomend 10 MHz IF freq, so it does get a bit of
www feedthru on certain occasions when www is real strong.
I have made many contacts with this, and it works great.
I even made one contact to French Guyana with it. :-)

73 Brad WB8YGG

From qrp-1@lehigh.edu Fri Jun 16 15:26:54 1995
Message-Id: <950616152255_73370.1677_FHR84-4@CompuServe.COM>
From: Chris Gearhart <73370.1677@compuserve.com>
Subject: G5RV <> 30m
Date: Fri, 16 Jun 1995 11:26:54 EDT

>> Right off the bat you need a different antenna. The G5RV is specifically
>> designed for certain bands and 30 meters is not one of those.

Ernie,

By God, your right! I just dug out the documentation on this antenna and sure enough, no 30 meter coverage. It's strange though, that the antenna seems to tune up just fine on 30. But as someone said earlier: "SWR isn't everything".

Thanks,
Chris, N1HWQ

From qrp-1@lehigh.edu Fri Jun 16 15:31:27 1995
Message-Id: <950616152712_73370.1677_FHR38-4@CompuServe.COM>
From: Chris Gearhart <73370.1677@compuserve.com>
Subject: G5RV <> 30m
Date: Fri, 16 Jun 1995 11:31:27 EDT

>> Right off the bat you need a different antenna. The G5RV is specifically
>> designed for certain bands and 30 meters is not one of those.

Ernie,

By God, your right! I just dug out the documentation on this antenna and sure enough, no 30 meter coverage. It's strange though, that the antenna seems to tune up just fine on 30. But as someone said earlier: "SWR isn't everything".

Thanks,
Chris, N1HWQ

From qrp-1@lehigh.edu Fri Jun 16 17:32:25 1995
Message-Id: <950616133032_72135895@aol.com>
From: PDouglas12@aol.com
Subject: Re: G5RV <> 30m
Date: Fri, 16 Jun 1995 13:32:25 EDT

Ernie and the gang,
Y'know, if it weren't for all this 30meter activity, I wouldn't have worked on my QRP30 to get it working right, and I wouldn't have taken down my G5RV because it just wouldn't tune up right on 30 (only AFTER I empirically discovered the G5RV is not for 30m did I learn this universal fact here on

the internet--gotta go back to the antenna books for some refresher study, I guess.) Without knowing why the sucker wouldn't tune, I changed it for a 130' tuned-fed dipole. Now that antenna is the true, original all band no trap antenna--any old MFJ or similar tuner with balun output will just love it. I highly recommend it. Nothin' to it. Just some copper, and enough 450 twin lead to reach the shack. Try to keep the twin lead away from metal but don't sweat the small stuff unless you plan to run a Kw. Only way to beat this antenna is with a beam. (I have a tribander at 50'--it doesn't always win.) OK, so you have to use the tuner. But you did with the G5RV too. I, for one, will never put up a G5RV again. One of the advertisers in QST has a tuned fed dipole pre-built for \$29.95 for the truly lazy, but you can beat that price doing it yourself. BTW, I have had tuned-fed dipoles for some years prior to the late unlamented G5RV and have learned that the copper dipole is good for say five years, but the plastic on the feeders gets uv damaged at around 3 years. You can just replace the feeders for another two years of service for next to nothing--then eat the twenty bucks or so for a new antenna at the five year mark. (No, you can't lease them for 36 months!)
72, Preston WJ2V

From qrp-1@lehigh.edu Fri Jun 16 16:58:30 1995
Message-Id: <01HRRVWJKLUC8WYRD2@nova.wright.edu>
From: NYOUNG@nova.wright.edu
Subject: G5RVs, 30m & some other deteriorata
Date: Fri, 16 Jun 1995 12:58:30 EDT

Ok, let's see... I have a G5RV still in a bag but I lost the info. Not that that means much. I have lost docs to all kinds of stuff and kinda take it as a given any more that I'm gonna have to put stuff aside until I lose it. Then I won't need the docs or the stuff and I won't have to fix it. However....

I have a nice little vertical antoonas for 30m. It's a salvaged and cobbled Radio Shack CB antenna with the coil removed and the aluminum stuff put together different. I think there's a bent tent pole in there somewhere. Anywya, it works really well on 30 meters... if you like the noise (I'd forgotten about that old story about vert antoonas). Funny thing is, it works on 10m too. Same noise, but different. How it still thinks that it's an antoonas for 28-ish megahertzians is beyond me. But what the hell. It works and I can hear all the line noise on it...

Furthermore, I remember in the Navy how we had a bunch of vert antoonas (32 ft each, tuned with remote couplers... nice toys) that stopped working. Weeds had grown up around 'em to the point of making very crispy little organic tendrils of grounding

material. Once we cleaned all the stuff off the risers (the antoonas were on the top of about 4 ft pieces of telephone pole) and cleaned up the connections on the grounding buss, they worked great.

So I keep the rose bushes and other hoo hah off the vertical. And yes, I am on 30m with the TR7 now and then. Hey, it's a hobby, dammit. It ain't a religion. And I can worship at the pyramid of the high power god just as easily as I can stoop and grovel before the battery powered god of QRP, no? You better say "yes," 'cause the minor subdeity who takes care of waffles is not easily assuaged.

And yes, again, I will be on 30 this weekend from time to slime. Between painting, digging, and trying to put the mobile mount in the car someplace where it won't take off kneecaps and shin skin. So keep yer earphones on. See you at the bat roost. Or the battery roost. Or whatever... Gee, I can hardly wait...

73

Nils

WB8IJN &c

P.S.: In response to numerous queries and suggestions, I will admit that I send my name three times, one time at the regular speed, once with extra space between the letters and one time with the straight key at about 3 wpm. And they still get it wrong. Even on qsl cards. Well, sometimes like that. So there, it happens.

From qrp-1@lehigh.edu Fri Jun 16 17:19:28 1995
Message-Id: <950616131405.21e22529@carib.vf.mmc.com>
From: JEVERHART@cayman.vf.mmc.com
Subject: RE: G5RVs, 30m & some other deteriorata
Date: Fri, 16 Jun 1995 13:19:28 EDT

Nils, you ended your soliloquy with:

> P.S.: In response to numerous queries and suggestions, I
> will admit that I send my name three times, one time at
> the regular speed, once with extra space between the letters
> and one time with the straight key at about 3 wpm. And
> they still get it wrong. Even on qsl cards. Well, sometimes
> like that. So there, it happens.

Folks don't get it because they filter it out! Rememeber: "nil" is nothing, zip, zero, nada, the big round one (not Dom Delouise) so it's logical that people don't recognize it when it is pluralized. After all what iis two times zero? If you need further clarification, check with Bob Gobrick :-) :-).

72/73,

Joe E. N2CX

From qrp-1@lehigh.edu Sat Jun 17 00:24:08 1995
Message-Id: <n1408791901.10818@msmailgw1.arlut.utexas.edu>
From: "rohre" <rohre@arlut.utexas.edu>
Subject: Half Square Antenna formulas
Date: Fri, 16 Jun 1995 20:24:08 EDT

For some gain on 30M or wherever:

The half square is two phased verticals of about quarter wave turned upside down, ie they hang from the ends of insulators holding up half wave horizontal about, of wire. The feed by 50 ohm coax is to one corner at the top, center to long horizontal wire, and braid to vertical wire. Bring coax off at right angles to vertical as far as possible, so this is a good antenna to hang under the eaves of a big house.

But guess what, you can pull the vertical parts out to 30 degrees, so it will fit less tall houses!

Make each vertical wire to length in feet equal to 225 divided by M Hz, the frequency you want. Make the top horizontal wire length equal 473 divided by f in M Hz. The corner opposite the fed corner, at the top, has its horizontal wire soldered to the vertical wire, or use one piece about 3/4 wavelength, placing insulator at corner, to leave 1/4 wave hanging down. Fishing weight on end keeps it straight. A neat insulator is at building/plumbing supply stores, the right angle PVC pipe piece with flange ears to screw down. It comes with a rubber grommet to help hold RG8x feed coax. Only seen in off white PVC down here at McCoy's Building Supply. (NOT Lew....).

The way this thing phases, if you draw an upside down open box on the page, which represents the antenna, the radiation is out of the page front and back, about 3 dB over a dipole. But that was for vertical legs, and if you pull legs out of vertical, I imagine you have to do both in same direction to preserve phasing, ie keep 'em parallel.

Jim, for your harsh environment in winter, this looks like a cheap and durable antenna with gain, so good luck. These are sold by Antennas West for a lot more than I paid for PVC and hook up wire of 16 gauge, and coax. This is their hidden beam model. Weather proof the end of the coax, where you open it up to make the joints. It is a variant of the Bob Tail curtain, and is single band antenna as it stands without a tuner.

For 30 M, I make this to be 46.75 ft. horizontal, and 22.24 ft. each vertical piece. That was using 10.116, but Chuck, was THAT the RTTY freq? Might want to move it off that one!

Hope to see you on 30M!
Stuart K5KVH

From qrp-1@lehigh.edu Fri Jun 16 14:43:54 1995
Message-Id: <9506161442.AA00988@royac8.royac.iac.es>
From: Goran Hosinsky <hosinsky@royac.iac.es>
Subject: Re: Homebrew twinlead
Date: Fri, 16 Jun 1995 10:43:54 EDT

What about using 4 conductor homebrew twinlead - that really brings down the impedance at practical spacings.

73
Goran ea8yu hosinsky@royac.iac.es

From qrp-1@lehigh.edu Sat Jun 17 02:32:18 1995
Message-Id: <199506170231.TAA02509@interval.interval.com>
From: burdick@interval.com (Wayne Burdick)
Subject: interesting keyer/counter detail
Date: Fri, 16 Jun 1995 22:32:18 EDT

Here's my final tweak on the Morse-audio-out counter that will allow it to work with almost anything--and on all bands. Here's how it works:

1. Using "command" mode you'll be able to program up to four VFO offsets. In each case, you'll supply 3 digits and an "A" or "S" for "add" or "subtract".

2. To handle multiband rigs, there will be two jumpers on the board that select one of the four offsets.

Example 1: The NC40A

This will be the factory configuration. Offset 3 will be "915A" because the BFO is at 4.915MHz. Offsets 0, 1, and 2 won't be used. (Offset 3 is the default because both pins will be pulled up internally to 5V by the PIC.) The counter will start at 915 and increment as VFO cycles are counted, so that a VFO frequency of 2.085 will result in "000", or 7.000MHz.

Example 2: The Sierra

For use with the Sierra, the mystery pins on the band module card-edge connector ("M0" and "M1") can be wired to the WRA-1 offset-select inputs. Each band module is then configured with either 1 or no jumpers to determine which offset is in use.

The WRA1 would be programmed as follows:

```
Offset 0:    --    (not used)
Offset 1:    "585S" (3.500)
Offset 2:    "885S" (1.800, 24.8)
Offset 3:    "085S" (7.000, 10.000, 14.000, 18.000, 21.000, 28.000)
```

This works because the Sierra VFO sits at 3.085 at the low end and tunes "backwards." Let's say you were on 7.040 [VFO = 3.045], and the 40-meter band module is configured for Offset 3 (no jumpers). The counter would start at 085 and decrement as the VFO is counted. We can prefix the 085 with extra digits to illustrate the math: 10085-3045 = 7040. The counter then sends "040". The extra digits don't really exist and aren't needed since we're only using the last three anyway.

On 80 meters the band module is configured for Offset 1 (jumper the M0 line to ground). If you were on 3.530 [VFO = 3.055], the math becomes (imagining an extra 6000 in the starting count) 6585 - 3055 = 3530, and the counter sends "530".

Comments? (Thanks for the inspiration.)

Wayne

From qrp-1@lehigh.edu Sat Jun 17 00:41:23 1995
Message-Id: <950616203645_96486676@aol.com>
From: JCoote@aol.com
Subject: Re: Length of transmission line
Date: Fri, 16 Jun 1995 20:41:23 EDT

A half wavelength of feedline will echo the impedance of the other end at the transmitter end. That's nice, but if a antenna fed with coax is a nice flat 50 ohms then the line length won't matter. CB'ers used to make big deals out of varying the coax length an inch at a time to "Get them SWRs down", but would ignore getting the antenna working.

If you're using balanced line and a multiband antenna, you may need to choose a length which will work with your tuner and antenna on all bands. The G5RV relies on a 32' or 34' feeder length and 102' antenna length to get impedances close to 50 ohms on amateur bands.

72, Jay

From qrp-1@lehigh.edu Sat Jun 17 03:57:12 1995
Message-Id: <9506170416.AA26254@asp.vet.purdue.edu>
From: bfinch@asp.vet.purdue.edu (Robert Finch)
Subject: linear trap antenna
Date: Fri, 16 Jun 1995 23:57:12 EDT

has anybody tried the aerial described in 73, July 92?
it's a multiband that i can't figure out xcept that
the author may NOT have ever actually built...

at least it brings up the question - can one
make a xmission line out of two pieces of insulated
wire laid next to each other and achieve a velocity
factor of approx. .95 ?

i used regular house wire, copper, 14ga.....and got
drastically 'slower' cable.....

if a v.f. of .95 IS possible (remember the wires'
insulation DOES touch), just what kind of wire is used?

72's baab

From qrp-1@lehigh.edu Fri Jun 16 21:34:56 1995
Message-Id: <9506162133.AA03426@philadelphia.libertynet.org>
From: adam@philadelphia.libertynet.org (Adam O'Donnell)
Subject: Low Profile Page
Date: Fri, 16 Jun 1995 17:34:56 EDT

The Low Profile page has been updated. I have fixed all the bugs with the viewing of the condo communicator issues (like the double spaces)

Please tell me what you think. I still need additions for the page.

73

--
Adam O'Donnell, N3RCS
Internet: adam@libertynet.org

My parents tell me that I just take up time and space. It's true -
I'm into relativity theory.

----- PGP Public Key available upon Finger -----

From qrp-1@lehigh.edu Fri Jun 16 14:36:51 1995
Message-Id: <9506161435.AA23031@rgfn.epcc.Edu>
From: ab253@rgfn.epcc.Edu (Andrew Hair)
Subject: Mini, Mini-Expedition Saturday
Date: Fri, 16 Jun 1995 10:36:51 EDT

To all,

For those on the list who might find themselves a little bored this Saturday, four local hams from El Paso will be operating 20m CW and SSB from the top of a peak in the Hueco Tanks State Park way out here in West Texas. It will be a rather short "expedition" since the sun is likely to fry us all alive, but it will be a chance to try out my new backpack portable, rotating dipole assembly (only weighs a few lbs.) We anticipate operation will be from 1500 - 1800 UTC or thereabouts. Some of the calls to look for will be AB5WB, K5ED - Ed, AB5TZ - Al, and KC5GKW - Steve.

If you hear us on (probably somewhere near 14.060) give us a call. I'll even try to swing the "dipole" around and see what happens. Hope to hear a lot of folks on. Take care.

72's es 73's

Andrew Hair - AB5WB
El Paso, Texas

--

From qrp-1@lehigh.edu Fri Jun 16 11:37:08 1995
Message-Id: <199506161134.EAA19735@ix3.ix.netcom.com>
From: dcwill@ix.netcom.com (Dave Williamson)
Subject: Re: more qrping the ft-840 'n' stuff
Date: Fri, 16 Jun 1995 07:37:08 EDT

>I am happy to report that the FT-900at I could not resist buying at
>Dayton has a front panel RF control that takes the rig from 100W to 2W
>right outta the box.
>
>2W is pretty much my personal maximum acceptable power level. You clowns
>running 5W should try some real QRP someday.
>
>JUST KIDDING
>
>73! =paul= wb8zjl

8-) ... Neat! That 900 is a nice-looking rig, and better for CW than the 840, I believe. My friend, WV4N Steve, just got one not long ago and is real pleased with it. I'll have to try to get him to try a little qrping with it... What do you do to get the power down farther? ALC? Attenuation box? Or switch to another rig?

1/73rd de dave aa4zx/8

From qrp-1@lehigh.edu Fri Jun 16 12:52:26 1995
Message-Id: <Pine.OSF.3.91.950616084257.4462B-1000000@saturn.acs.oakland.edu>
From: prvalko <prvalko@oakland.edu>
Subject: Re: more qrping the ft-840 'n' stuff
Date: Fri, 16 Jun 1995 08:52:26 EDT

On Fri, 16 Jun 1995, Dave Williamson wrote:
> with it... What do _you_ do to get the power down farther? ALC?
> Attenuation box? Or switch to another rig?
>

For *REAL* QRP, I'll you a REAL QRP rig, like my beloved NC-40a.
I have an MFJ-9040, but it's QRO at 5W.

My trusty Corsair 1 runs all the way down to zero watts, at least as far
as my lab-standard MFJ power meter says. Like many others though, there
is something not quite as fulfilling about making a contact on a
commercial rig with the power turned down.

Oh, and when I'm really feeling mosaicistic, I'll pull out the Ten Tec
Power Mite (PM-1).

73 =paul= wb8zjl

A CMaj7 G

From qrp-1@lehigh.edu Fri Jun 16 18:42:01 1995
Message-Id: <199506161840.LAA12977@ix6.ix.netcom.com>
From: dcwill@ix.netcom.com (Dave Williamson)
Subject: Re: more qrping the ft-840 'n' stuff
Date: Fri, 16 Jun 1995 14:42:01 EDT

>For *REAL* QRP, I'll you a REAL QRP rig, like my beloved NC-40a.
>I have an MFJ-9040, but it's QRO at 5W.
>
>My trusty Corsair 1 runs all the way down to zero watts, at least as far
>as my lab-standard MFJ power meter says. Like many others though, there
>is something not quite as fulfilling about making a contact on a
>commercial rig with the power turned down.
>
>Oh, and when I'm really feeling mosaicistic, I'll pull out the Ten Tec
>Power Mite (PM-1).

```
> I've been daydreaming about gettin a _real_ grp rig, in particular the Index
```

> Labs QRP+. I've heard mostly good about it, with a touch of minor
> aggravation thrown in... this weekend, for instance, I'm heading to Virginia
> to see my fiancé (gotta do that from time to time), and would like to get on
> the air there without bringing my: a) Yaesu 840, b) 30-amp PS, c) DSP 59+
> filter, d) keyer, e) MFJ "lab quality" ;-) meter, f) well, you get the idea.

I got the idea. I got tired of waiting for the QRP+ and bought an FT-900
at Dayton for a little more than twice the price, of course it's more
than twice the rig, but it's a TRUE qrp unit, even though it does do 2W
easily.

73! =paul= wb8zjl

"Congress is going to ban the internet. They may as well ban daylight
while they're at it."

From qrp-1@lehigh.edu Fri Jun 16 08:04:53 1995
Message-Id: <199506160744.AAA20785@mail3.netcom.com>
From: "Stan Goldstein, N6ULU" <stan@cruzio.com>
Subject: Re: NC40A Counter/Keyer kit prototype ready
Date: Fri, 16 Jun 1995 04:04:53 EDT

That sounds super.

So.. let me make sure i have this right .. If the rig is tuned
to 7.040, the keyer will output "040" ?

I like having one (or more) memories, it's good for sending out
CQ's on a slow band over and over and over....

Price sounds reasonable for a mini memory keyer. (Of course we
all want it cheap as possible.)

Is it a curtis 8044 device ? mode only matters for those folks whose
right and left brain work at the same time and use iambic keying.
Single lever keyers need not apply .

--

72.25 (I still use high power when I need it)
Stan Goldstein , N6ULU

From qrp-1@lehigh.edu Fri Jun 16 22:30:59 1995
Message-Id: <199506162217.RAA16812@chuck.dallas.sgi.com>
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: NE Club
Date: Fri, 16 Jun 1995 18:30:59 EDT

The new membership chairman for NE QRP Amateur Radio Club is

William McNally AE1D
7 Blueberry Road
Windham, NH 03087

The above address is for NEW membership applications:

Last Name: First Name:
Call Sign: NE-QRP Number if Renewal
Mailing Address:
Phone Number: License Class: Age:
Former Amateur Call[s]: (Year first licensed)

Indicate whether you're a member in the following organizations:
QRP ARCI __ Michigan QRP ___ G-QRP ___ NorCal QRP ___ Other_____

What QRP awards have you won or achievements have you accomplished?

"Who are you" and what do you like about QRP? (This is important)

Please write a couple of paragraphs about yourself, and we'll pass it along to our Member's News Editor.

Indicate whether you're a member of the ARRL. Yes ___ No ___

Would you like to be an officer/director in the NE-QRP Club? Yes___ No____

Please check the box which interests you most:

Ragchewing ____ DX ___ Contest ___ Traffic ___ Awards ___

Homebrewing ___ VHF/UHF ___ Packet___ CW ____ SSB __

RTTY ___ ATV ___ Satellite ___ HF ___

Other _____

The first year membership is \$10.00 and renewals are \$7.00 per year. Outside USA please add \$5.00. The club year begins in January, and renewals are from September to December for the following year. Please make you check or money order payable to: QRP Club of New England.

Send new to above address.

RENEWALS to

Paul Kranz W1CFI
NE-QRP Treasurer
26 Mettacomett Path
Harvard, Mass 01451

The above from renewal form from Dayton.

dit dit

Member # 222

--

Chuck Adams K5FO CP-60 adams@sgi.com

From qrp-1@lehigh.edu Fri Jun 16 15:28:35 1995
Message-Id: <2FE1A51D@longate.agw.bt.co.uk>
From: "Fishpool, Tony" <TONYF@mlcse1.agw.bt.co.uk>
Subject: RE: New 2 QRP & G5RV's
Date: Fri, 16 Jun 1995 11:28:35 EDT

>Chris, N1HWQ said
>I don't seem to be able to make any contacts with it. I'm using an inverted
>G5RV with the apex up abt 45 ft, and the transmission line is abt 75 ft
>long (RG 8, I believe). My tuner is indicating .5 watts forward power
(which
>translates to 1 watt, I believe), but I'm wondering if my signal is being
>lost in my transmission line...the SWR is abt 1.1 - 1. Any ideas? Maybe
>there's no problem at all...maybe I just need to be a little more
>persistent! BTW, I'm also interested in building a low-cost 40 meter QRP

>transceiver...any suggestions?

While a lot of folk swear by there G5RV's, I just swore at mine. The guys on the club net were giving me an S3 on a very noisy 80m. I reckoned that (at some frequencies) I must have a mismatch condition between the co-ax and the twin feeder. So regardless whether I hid this from the Tx by twiddling the ATU, it was still there wasting power. So I junked the vertical bit and replaced it with open wire feeder going to a 4:1 balun at the ATU. The report from the net went up to S9+. For me, at least, the improvement was significant, Perhaps turning yours into a doublet will work for you.

QRP Kits for 40m. How about Kanga. Have you got an outlet your side of the pond that sells Howes Kits. These are very good too.

72's Tony - G4WIF
tonyf@mlsce1.agw.bt.co.uk

From qrp-1@lehigh.edu Fri Jun 16 15:29:02 1995
Message-Id: <2FE1A515@longate.agw.bt.co.uk>
From: "Fishpool, Tony" <TONYF@mlcse1.agw.bt.co.uk>
Subject: RE: New 2 QRP & G5RV's
Date: Fri, 16 Jun 1995 11:29:02 EDT

Chris, While a lot of folk have had success with G5RV's I am one that didn't. As you are using a co-ax feeder, as I was, I couldn't see how there would not be a mismatch of impedance's (at some frequencies) where it joins the twin feeder, and therefore , a power loss. So I junked the co-ax bit and used open wire feeder all the way from the top section to a 4:1 balun on the back of the ATU. I have had much better results with what is now a doublet. For example, on the club net I was previously getting an S3 on 80m. After the mod, the guys were giving me S9+ , I reckon that most of my power was heating up the feeder.

40m QRP kits. How about Kanga, or have you got an outlet your side of the pond that sells Howes Kits, these are very good too.

72's - Tony G4WIF

From qrp-1@lehigh.edu Fri Jun 16 13:43:35 1995
Message-Id: <950616094210_96101958@aol.com>
From: N5EM@aol.com
Subject: Packet on 30
Date: Fri, 16 Jun 1995 09:43:35 EDT

I don't remember anyone mentioning it on the list before but this weekend at Dallas Hamcom I found out that the packet folks are using 10.116 or so for the National APRS frequency.

I am not an expert on APRS and I am sure others can expand but, as I understand it, one takes a GPS receiver, connects it to his/her HF Packet TNC, interfaces it to his/her 30 meter rig on 10.116 and proceeds to packet out to all the world his/her location and callsign so that other, so equipped stations, can display these locations on a computer. I assume (hope?) that this also is used for actual 2-way QSOs as well.

And those "Hits" just keep on coming.

72
Ed

From qrp-1@lehigh.edu Fri Jun 16 14:53:58 1995
Message-Id: <95Jun16.105222edt.14522-1+25@hooch.CC.Lehigh.EDU>
From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>
Subject: Re: qrp-1 Archive: MFJ-9030 Drift Fix
Date: Fri, 16 Jun 1995 10:53:58 EDT

> Steve and qrp-1 gang, (originally addressed to Steve Hideg and now
> rebroadcasted to qrp-1.)
>
> I lost "incoming" directory info you sent the other day but here is an
> article that you may want to consider for the archives. Hope it is of help
> to the many MFJ-90xx owners out there.

Gang,

Available as qrp-1/mods/mfj90xx.df

Hoped to coordinate the archival of files with Steve but haven't heard anything from him yet, so for now anything you would like made available via anon ftp and list server you can e-mail to me or stick it in:

`ftp://ftp.lehigh.edu/pub/listserv/qrp-l/incoming`

and send me e-mail to let me know it's there. Don't forget to use Binary mode when ftp'ing binaries, or UUEncode them if you e-mail them to me.

I'd like to get the lists (list of books, list of clubs, etc) stored and available to new QRP-L'ers soon. Also the FAQ...

/jim

From qrp-l@lehigh.edu Fri Jun 16 19:28:53 1995
Message-Id: <950616152620_72207618@aol.com>
From: PDouglas12@aol.com
Subject: Re: Re Whiterook keys
Date: Fri, 16 Jun 1995 15:28:53 EDT

Oh, for goodness sakes, Joe, I've been called names before, but "regular," that's the worst of all! :-) Well, I'm going to Dallas this weekend for business-- I do hope to see our friend Chuck(K5FO), and I am bringing my xyl. She is not a ham, and she, too, is of the opinion that hams are not regular. She keeps calling Tom W2RFU (the tax lawyer) and his gang "your little ham friends." Wait'll she gets a load of Chuck!

On the keys, I am glad you found the info useful. I have found that the straight key is cute, but the paddles, held in two hands are quite functional--they have grown on me, and I am using them on the air. I especially like them because they let me sit way back and hold them in my hands, which allows me to support my bad back. I found a Y-connector so I can connect my Whiterook and MFJ paddles in parallel to the CMOS II keyer.

Now, I can use either, as the fancy strikes me--except that they are connected internally inversely--but the CMOS II has a dot/dash inverter, so a push of two buttons and I am ready to go. 72, Preston WJ2V

From qrp-l@lehigh.edu Fri Jun 16 14:02:36 1995
Message-Id: <199506161401.JAA15250@chuck.dallas.sgi.com>
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: Short List [LONG]
Date: Fri, 16 Jun 1995 10:02:36 EDT

KC1FB	Jim	W2SM	Magnus	KC4EWT	Dan	KK5NA	Joe
KC1GS	Bill	WA2ECP	Vince	KC4YTF	Terry	N5CQU	John
KC1SX	Michael	WA2UNN	Clark	KD4FNB	Chris	N5EM	Ed
KD1GG	Bob	WB2ATQ	Jeff	KD4HZ	Greg	N50SG	Larry
KD1TE	Gary	WB2CPU	Howie	KD4URL	Tim	N5QXF	Richard
KD1XN	Dan	WB2ERY	Paul	KE4CYE	Det	N5TKA	William
N1HWQ	Chris	WB2QDG	Tom	KE4DMR	Gary	N5XAT	Steve
N1IPR	Larry	WB2RAR	Richard	KE4HMP	Duwayne	NA5K	Henry
N1IPT	John	WF2V	Leonard	KE4IZH	Rick	NA5N	Paul
N1IST	Mike	WJ2V	Preston	KE4NFJ	Jerry	NK5V	Jim
N10CJ	Patrick	WK2A	Richard	KE4PC	Mike	W5RXP	Rich
N100Q	Tom	AA3KN	Jerry	KE4QCM	Tom	W5TB	Doc
N1PWU	Bob	K3QXH	Bob	KJ4XR	Ken	W5TEH	Vernon
N1QPR	Bill	K3WW	Charles	K04A	John	W5UXH	Chuck
N1QYZ	Bill	KA3BHY	Rod	KP4ZN	Anibal	W5XE	Ray
N1RGN	Dave	KA3EAJ	Dave	KR4GL	John	WA5ABU	Frank
N1RXV	Robert	KA3YAA	Ed	KS4PR	Edgar	WA5FXE	Bill
N1TQD	Michael	KA3YGI	Ed	KS4TL	Jeff	WB5LXA	Felix
NM1J	Scott	KB3BFM	Rob	KW4M	David	WD5BOR	Cleve
N01E	Frank	KB3WN	Dick	N4AFX	Rich	WD5GNW	Charles
NW1J	Mike	KD3PC	Dave	N4A0X	Clay	AB6DG	John
W1FMR	Jim	KE3MI	Sherwood	N4ELM	Dave	AB6MB	Jeff
W1GXN	Rand	KI3B	Joseph	N4EUK	Steve	AB6NZ	Rob
W1IFL	Chan	KT3A	Cameron	N4JEO	Robert	AC6KW	Jeff
WA1U	Geoff	KW3F	Bob	N4NCU	Erschley	AH6NU	Paul
WA1VVH	Harry	N3FTU	Bob	N4UHO	Steven	K6QD	Hugh
WB1HBW	John	N3LSB	David	NR4N	John	K6QQ	John
AA2PF	Dave	N3MBY	Bob	NZ4I	Ranson	KA6LCL	Ted
AA2U	Randy	N3MGA	Paulo	W4HFU	Frank	KA6NOC	Robert
AA2UG	Andrew	N30IE	Steve	W4Q0	Jim	KC6AFK	Steven
AA2UJ	Michael	N3PFF	John	W4RNL	LB	KC6PLW	Steve
K2EB	Bob	N3Q00	John	WA4GIR	Joe	KC6SPN	Eric
K2NF	Norm	N3RCS	Adam	WA4IML	Don	KC6ZTT	Robert
K2PH	Bob	N3REY	John	WA4NID	Dave	KD6FVI	Bob
K2SJB	Dave	N3UTM	Sam	WA4ZID	Bob	KD6MNP	Jeff
KA2UPW	Douglas	N3UVR	Chris	WB4OWL	Charles	KD6MSM	Gregory
KB2TGH	Bernard	NK3R	Steve	WB4TPW	Roger	KD6RWB	Wes
KB2TIS	Brian	WA3CA0	Anthony	WB4ZKA	Mike	KE6GBE	Jeff
KB2TRF	Bruce	WA3JPG	Clark	WD4MPS	Gene	KE6IYU	Mason
KC2DU	John	WA3NNA	Pete	AB50U	Tim	KE6KNF	Jeff
KD2ED	Steve	WA3REY	Tom	AB5QE	Keith	KE6PPI	Roger
KF2PH	Nick	WA3YON	Bob	AB5TZ	Alvin	KE6TYH	Ray
KF2VC	Kevin	WA3ZGT	Stephen	AB5WB	Andrew	KF6CR	Jim
KF2ZF	Joseph	WB3FYU	Thomas	AB5ZB	Al	KI6DS	Doug
KV2X	Thomas	WB3GCK	Craig	AB5ZD	Robert	KI6SN	Richard
N2CX	Joe	WB3LGC	Stephen	AB5ZR	John	KK6JQ	Dana
N2IPY	Bob	W03B	Bob	K5ETX	Pat	KK6MC5	James
N2JGU	Gary	AA4GC	Rick	K5F0	Chuck	KK6ZC	Glenn

N2JOC	Randy	AA4XX	Paul	K5KVH	Stuart	KM6FM	Mark
N2KPY	Peter	AA4YZ	Kirk	K5UP	Glen	KM6MO	Jim
N2MQG	Steven	AA4ZX8	Dave	KA5T	Larry	KN6CR	Matthew

KN6ZT	Michael	KJ7EY	Kent	KB9HJT	John	WB0SCD	James
K06CL	Rich	KJ7NR	Steve	KB9ILT	Paul		
K06GF	Denis	KU7Y	Monte	KB9IUA	Kevin	VE2MVF	Pierre
K06KA	Rob	N7DUB	Matso	KB9KIT	Timothy	VA3DKS	David
K06UW	Jim	N7WNC	Ethan	KE9GG	Don	VA3YH	Ying
N6CXB	Bob	N7XNL	Rich	KV9X	Brian	VE3DNL	Glen
N6GA	Cam	N7YQR	Ed	N9DD	Tom	VE3FAO	Frank
N6HCS	Paul	W7HPK	Jim	N9JYV	Eddie	VE3UWL	Bruce
N6NG	Dennis	WA7FCU	Bob	N9NVV	Charlie	VE3VAW	Brien
N6QGI	Dan	WA7TWI	Richard	N9OUH	Paulette	VE3VFN	Vincent
N6TQS	Doug	WA7YCA	David	N9RJ	Russ	VE3WMB	Michael
N6UGP	Brian	WB7EEL	John	N9RKB	J.	VE3XJ	Jim
N6ULU	Stan	W07T	Mark	N9SSG	David	VE4EI	John
N6XG	Walt	WW7Y	Steve	N9USD	Bob	VE4GH	Greg
N6XI	Rick	AA8IF5	Brad	N9UXC	Mike	VE4RSL	Steve
N6YIU	Alfred	AA8LF	John	N9WKE	Bruce	VE6BJH	Blair
W6EMD	David	AA8MD	Eric	NN9K	Peter	VE6CU	John
W6EMT	Roy	AC8P	Frank	W9NIP	Bob	VE6GK	Rick
W6JJZ	Charlie	K8ATI	Bill	W9NQP	Steve	VE7DSN	Frank
W6MIK	David	K8DD	Hank	WA9YLB	Jim	VE7LDH	Laura
W6MMA	Vern	K8KQJ	Dick	WB9NLZ	Tim	VE7MEW	William
W6RCL	Alan	KA8NRC	Anthony	WB9PII	Rick	VE7QK	Derry
W6TOY	Bruce	KB8BWE	Charlie	WB9ZDH	Phil		
WA6AHL	Jeff	KB8TMY	Ed	WD9EYB	Jim	4UY	Samir
WA6HHQ	Eric	KD8BJ	Marty	WW9H	Jim	9V1ZV	Daniel
WB6AAM	Jay	KD8EK	Kaye	AA0ED	Bruce	DL1FDF	Stefan
WB6GFJ	Ross	KD8FR	Lowell	AA0SM	Tony	DL1GSJ	Joachim
WB6TPU	Ray	KD8NY	David	AA0UB	Michael	DL1JBE	Thomas
WW6I	Dave	KD8UX	Phil	AA0VB	Steve	DL8MFQ	Richard
AA7AR6	Bruce	KF8EE	Edwin	AA0XZ	Greg	EA2SN	Jon
AA7HA	Robert	KG8H	Michael	AK0B	Stan	EA8YU	Goran
AA7QY	Roger	N8CQA	Buck	K0JD	John	EC4DIL	Carlos
AA7TA	Mark	N8DHT	Myron	K0PT	Paul	G0	Stephen
AB7DMY	David	N8ET	Bill	KA0GKC	Claton	G0DUB	Greg
AB7GZ	Larry	N8HSC	Steve	KA0IQT	Jim	G3KJC	Roy
AB7HI	Stephen	N8VAR	Ron	KB0BAN	Dean	G3RJV	George
AL7EV	Bob	N8XYF	David	KB0DHQ	Steve	G3SEM	Paul
AL7FS	Jim	NC8I	Robert	KB0HQU	Todd	G4MYB	Chris
AL7GQ	Geno	N08Z	Keith	KB0IHQ	Mark	G4WIF	Tony
K7BWZ	Dave	NS80	Greg	KB0LMQ	Myron	HB9BCB	Heinz
K7DBV	Gene	NU8D	Tom	KB0LRB	Lynn	HB9HAU	Urs
K7FL	Dennis	NU8N	Jim	KB0PXX	David	HB90BG	Chris
K7SII	John	NU8Z	Mark	KE0WW	Mike	I1IIY	Marco

K7YHA	Rich	W8LRM	Al	KG0NR	Gabe	JL1LVF	Tom
KB7SOK	Jim	WA8DXD	Tom	KI0G	Bob	OE3WKL	Willi
KB7TCY	Spence	WA8LCZ	Byron	N0AX	Ward	OH2ZAZ	Arjen
KB7UXP	Owen	WA8MCQ	Mike	N00B	Paul	OH6KTR	Pertti
KB7WW	Arthur	WA8TZG	Bill	N0OCT	Jim	PA3CKR	Charlos
KB7YWE	Riyadth	WB8IJN	Nils	N0OQT	Chris	PA3FZS	Marrie
KC7AKW	John	WB8NUT	Duffy	N0TFI	Jess	PA3GNR	Dirk
KC7DX	Lowell	WB8RUQ	Ron	N0UVR	Dave	PA3GOG	Vincent
KC7JKB	Chuck	WB8YGG	Brad	N0VXH	Dale	SM0HPL	Anders
KC7JZL	Brian	WB8ZJL	Paul	NF0R	Dave	SM6UUQ	Andreas
KC7KHD	Dale	WD8AAU	Dan	W0CH	David	VK1RJ	Richard
KE7CW	John	WD8RIF	Eric	W0KSD	James	VK3JKP	David
KF7HZ	Bell	WS8T	Pat	W0NAX	Lawrence	VK4TPW	Peter
KI7MN	Bob	WX8F	Jim	W0RSP	Ade	V01DRB	Bob
KJ7AE	Eric	AA90L	Dave	WA0JTL	Russ	ZS1KE	Wouter
KJ7ET	Phil	K9DZE	Allen	WB0GAZ	Dave		

-----EOT-----

dit dit

--

Chuck Adams K5FO CP-60 adams@sgi.com

From qrp-1@lehigh.edu Fri Jun 16 18:03:03 1995
 Message-Id: <950616135501.21e22529@carib.vf.mmc.com>
 From: JEVERHART@cayman.vf.mmc.com
 Subject: Re Whiterook keys
 Date: Fri, 16 Jun 1995 14:03:03 EDT

Preston,

Thanks for you info several weeks ago about the Whiterook (what a name!) mini-keys.

I ordered one of each and they came in about 10 days. I agreee with your assessment-sure you could build `em yourself, but at their price it ain't worth the effort. Gonna use the paddle in my portable setup. Guess I'll just hold in in one hand and paddle with the other.

My wife is still talking about Dayton! She always thought that I was strange, being a ham but now, having met a buch of them at the Days Inn, she's convinced that we're all crazy! But, she said that he guys at our table at the banquet, you and your tax lawyer friend and (I think, Tom K9DD) seemed to be just regualr people.

A side note: When we were leaving on Sunday, there was a minivan in the Days Inn parking lot absolutely bristling with antennas. I pointed it out, drooling, and she said "DON'T YOU EVER....."

72/73,

Joe E. N2Cx

From qrp-1@lehigh.edu Fri Jun 16 12:05:35 1995
Message-Id: <199506161204.IAA10734@dartvax.dartmouth.edu>
From: GREGOIRE@VALLEY.NET (ERNEST GREGOIRE)
Subject: Re: `NE40/40 Mods
Date: Fri, 16 Jun 1995 08:05:35 EDT

>Ernie,
>
>How much you want for the mods? Have I seen them?
>
>dit dit
>--
>Chuck Adams K5FO CP-60 adams@sgi.com
>
Hi Chuck,

I'm sure you have seen these mod's. They are the original NN1G mod's that were published in the 72 NEWS LETTER.

I'm putting up a dipole for 30 m this weekend, see you there.

73 de AA1IK Ernie

From qrp-1@lehigh.edu Fri Jun 16 17:08:12 1995
Message-Id: <199506161707.NAA18528@dartvax.dartmouth.edu>
From: GREGOIRE@VALLEY.NET (ERNEST GREGOIRE)
Subject: Re: `NE40/40 Mods
Date: Fri, 16 Jun 1995 13:08:12 EDT

>
>Hi!
>Are those mods something that is useful for the 3040 version too?

>I just ordered one.

>

>73

>Goran ea8yu hosinsky@royac.iac.es

>

Hi there,

Yes the 40/30 is the same radio. Only the frequency has been chnged to protect the innocent. I'll look you up in the call book and mail you a copy.

de AA1IK Ernie

From qrp-l@lehigh.edu Fri Jun 16 17:35:17 1995

Message-Id: <199506161733.NAA21852@dartvax.dartmouth.edu>

From: GREGOIRE@VALLEY.NET (ERNEST GREGOIRE)

Subject: Re: `NE40/40 Mods

Date: Fri, 16 Jun 1995 13:35:17 EDT

>Ernie:

>

>Somehow I've missed something here. Guess I was too quick on the
>"delete" key. Are you distributing a list of mods for the NE40-40? If
>so I'd like to get a copy and I would be happy to pay for copying and
>postage. My address is:

>

> Tim Pettibone

> 1661 Alta Vista Pl.

> Las Cruces, NM 88011

>

>I'm still in the midst of putting the 40-40 together. Got the board done
>but haven't 'installed' it yet. Got the NORCAL working. Should be fun
>to compare them.

>

>Thanks.

>

>Tim AB50U

>

Hi Tim , this mod's thing is getting carried away here.

No, I'm not doing any kind of a list for mod's for the NE.40/40.
I just volunteerd to copy the mod's that were printed in the 72 NEWSLETTER,
which is the New England QRP club news letter. I saved the news letter.

I copied it for a few guys that wanted the mod's. However I don't want to go into business doing this copying for the whole world. So, I will contact Dennis Marandos, K1LGQ. He is the editor for the 72 News letter. He does read this stuff from time to time, but I will make a special phone call to him so that we can get these mod's up here on the internet. That way we will all be able to download them.

My own copy of the mod's is getting dog ear'd from unstapling and restapling.

I'll look you up in the call book and send you the last copy that I made. Don't worry about the postage, just do something nice for someone and that will be payment enough for me.

73 de AA1IK Ernie>